

3,500/4,500lb. Vertical Cable Feighner Lift



CAUTION - PUT SAFETY FIRST

1. Before attempting to install or operate this lift, study and fully understand the proper operating procedures and safety precautions outlined in this owner's manual.
2. Never exceed the recommended weight capacity of your lift. The lifted weight will include hull, engine, fuel, battery, and added accessories or gear. Weigh your fully loaded boat at a certified scale to be absolutely sure of the total weight.
3. Do not allow anyone on, in, or under the lift while operating.
4. NOT COMPLYING WITH THE PROCEDURES AND PRECAUTIONS OUTLINED IN THIS MANUAL WILL INVALIDATE THE WARRANTY AND MAY RESULT IN PERSONAL INJURY OR DEATH.
5. If you have any questions about assembly, installation, operation or suitability of this product, contact an authorized dealer or The Feighner Co. directly at 1-517-541-0900.

Vertical Boat Lift Hardware

Hardware Bolt List

- (28) 3/8 x 1-1/4 HHC Screw SS
- (36) 3/8 Nylon Insert Brass Nut
- (8) 1/2 Flat Washer s/s
- (4) 3/8 x 3 1/2 HHC Screw SS
- (4) 1/2 Brass Nylon Insert Lock Nut
- (2) 1/2 Brass Hex Nut
- (2) 1/2 Ext Tooth Locknut SS
- (2) 1/2 x 4 Hex HD Cap Screw SS
- (2) 3/8 x 2 Hex HD Cap Screw SS
- (2) 3/8 x 2 1/2 Hex HD Cap Screw SS

Keep all bolts loose at first. At the end use correct tools to tighten all nuts and bolts.

Step 1

Bolt on Boat lift mud pads to the leveling legs using 1-3/8 x 3 1/2 bolt with 1-3/8 Nylon Brass Nut. With the Adjustable holes facing opposing side of where the bolts connected.
Do this for all 4 legs and insert into V-side frame.



Step 2

Take one V-side frame and bolt it to a front/rear angle beam.
Use 4-3/8 x 1-1/4 HHC bolts with 4-3/8 Nylon Brass Nut
Do the same to the opposite side of V-side frame.



Step 3

Bolt on the Corner angle plates to the frame.
Use 3- 3/8 x 1 -1/4 with Nylon Brass Nuts per Corner angle plate.
Do this for all 4 corners.



ATTENTION: Make sure the 2 holes on the plate line up with the frame. This is for your cables to hook into.



Step 4

Next Bolt on the Upright cable end caps. Use 4- 3/8 x 4 Hex HD SS bolts with 4- 3/8 Brass nuts. Position right on top of angle brace. Making sure the holes line up with the holes in bottom part of frame.



Step 5

First grab one of the front/rear racks. These will have the rollers welded to them. Lay them on the rack with the rollers sticking to the outside. If you have a piece of wood or something to make a gap between the rack and the frame it will make it easier later on. Next grab one of the side racks (angles braces welded on) and lay it on the frame as picture. You will need to unscrew the 3/4" and 1/2" x 3 1/2 ss bolt and lockwasher (the side with 2 bolts) From the front rack and line up the side rack and rebolt the racks together. Also bolt on a 1/2 x 3 1/2 Hex



HD and a ½ brass nut on the inside hole of the rack. Do this for all 4 corners.

Step 6

From the Side Rack, Grab the cable with the colored taped end. Thread it through the inside hole on the front rack. Then on the Back rack thread it through the outside hole.



Step 7

Next push the taped end of the cable through the empty hole. Push it in till it hits the tape. Not through the hole but flush. Tighten down the nuts on the ubolt with the taped end.



Step 9

Starting with the post to the left of the winch.

Thread the eye bolt into the top bracket.

One post bracket will only have 1 cable

through it.(picture A) The other two post opposite side of the winch will have 2 cables in each bracket.

(Shown in picture B)



Picture A



Picture B

Step 10

Remove Winch cover by unscrewing two screws

Facing the front of the winch, the attachment bolts are added on the left side as shown. Insert one Bolt 1/2 x 4 from the inside of the winch, in the top and bottom holes of the winch side.

Bolt on the winch with 2 - 1/2 x 4 Hex HD with 1/2 Brass nuts and S.S. lockwasher.



Step 11

Slide end of cable into slotted opening on winch hub. Using a 5/32" Allen Wrench, tighten winch hub set screw to secure cable to winch hub. NOTE: Slide cable fully into hub opening. However do not go so far that the cable sticks out the other side of the hold. This would interfere with proper cable wrapping.



Step 12

Set Cover on winch and secure with the two screws that were removed in Step 10

Step 13

The Winch wheel.

On the rear side of the Wheel thread the Nylon Bolt 3/8 x .75 into the Round Hub enough so that it does not fall off

Thread the Wheel clockwise on to shaft of the Winch. You must thread wheel all the way on winch shaft. The wheel hub must be fully against brake pad. Prior to securing wheel in place using the Bolt 5/16 x 1 Nyloc, stack a Spacer and/or up to six Washers Flat 5/16. Then place the stack in the bolt hole in the middle of the wheel. The stack should just barely protrude out of the center bolt hole. Remove one Washer Flat 5/16 at a time until the stack just barely protrudes out of the center hole.

Once the correct number of Washers has been determined, secure the wheel in place using the Washer Flat Aluminum 1 1/8 and the Bolt 5/16 x 1 Nyloc

Note: You should be able to slide a dime in the gap between sticker in the center of the wheel and the washer. The wheel should turn 1/8 to 1/4 turn prior to engaging the Washer Aluminum 1 1/8.

Thread excess cable onto winch hub by turning wheel clockwise. Be sure cable wraps tight and uniformly on hub with each strand lying snugly next to the adjacent strand. Keep tension on the cable by holding it tight when turning the wheel to develop a proper wrap. Do not allow cable to wind up loosely on hub.

T
F
C The Feighner Company, Inc.

2264 LANSING RD, CHARLOTTE, MI 48813

WWW.1800BOATLIFT.COM
WWW.HYDROMAXII.COM

TOLL FREE: (800) BOAT-LIFT
PHONE: (517) 541-0900
FAX: (517) 541-0909